

Vautilus Environmental

RECEIVED
FEB 1 5 2006
URS CORPORATION SEATTLE

February 14, 2006

Jennifer Garner
URS Corporation
1501 4th Avenue, Suite 1400
Seattle, WA 98101-1616

Subject:

Dangerous Waste Characterization: Maralco Restoration Project

Dear Jennifer,

Enclosed is a report for the dangerous waste characterization conducted by our laboratory on the eight samples identified as Maralco Restoration Project (B-2-S, B-4-M, B-6-S, B-7-M, B-11-S, B-12-S, B-12-D, B-17-D). The tests were performed to determine if the samples would designate as a dangerous waste (100 ppm) under WAC 173-303. Test procedures followed Washington Department of Ecology guidelines.

One mortality was observed in one sample. Based on these results, none of the eight samples would designate as a dangerous waste.

If you should have any questions or concerns, please do not hesitate to contact me at 253-922-4296.

Sincerely,

Stacie Singleton

Stacie Singleton Environmental Scientist Washington Laboratory

California

5550 Morehouse Drive Suite 150 San Diego, California 92121 858.587,7333 fox: 858.587,3961

Washington

5009 Pacific Highway East Suite 2 Tacoma, Washington 98424 253.922.4296 fax: 253.922.5814

British Columbia

8664 Commerce Court Burnaby, British Columbia V5A 4N7 604-603-9381 fax: 604-603-9381



Dangerous Waste Characterization

Sample ID: Maralco Restoration Project: B-2-S, B-4-M, B-6-S, B-7-M, B-11-S, B-12-S, B-12-D, B-17-D

Report date: February 13, 2006

Submitted to:

URS Corporation 1501 4th Avenue, Suite 1400 Seattle, WA 98101-1616

Washington
Laboratory
5009 Pacific Hwy East
Suite 2
Tacoma, WA 98424

1.0 INTRODUCTION

Bioassay tests were conducted on eight waste samples collected from the Maralco Restoration Project. Tests were conducted to determine if the samples would designate as dangerous waste under WAC 173-303 using the test organism rainbow trout (*Oncorhynchus mykiss*). The eight samples were submitted by URS Corporation to Nautilus Environmental (Nautilus) in Tacoma, Washington. The samples, identified as B-2-S, B-4-M, B-6-S, B-7-M, B-11-S, B-12-S, B-12-D, and B-17-D, were received in the laboratory on February 2, 2006.

2.0 MATERIALS AND METHODS

2.1 Sample Collection and Receipt

URS Corporation personnel placed samples in labelled 8-ounce glass jars, packed them in a cooler, and transported them via courier to Nautilus Washington Laboratory in Tacoma, Washington. Immediately upon receipt at the laboratory, samples were verified with information on the chain-of-custody form and placed in a 4° C cold room until sample extraction.

2.2 Organism Procurement and Handling

Rainbow trout (Onchorhynchus mykiss) were obtained from TroutLodge in Sumner, Washington. The fish were transported to the laboratory, via Nautilus personnel, in oxygen-saturated water contained in sealed plastic bags. Upon arrival at Nautilus, organism receipt information was recorded, including water temperature and condition of the animals. Fish were held in 50-gallon glass tanks filled with laboratory water and fed trout food daily. Culture water was renewed on a daily basis. The fish were acclimated to the test environment for a minimum of seven days prior to test initiation.

2.3 Sample Extraction

Samples were extracted using a rotary extractor prior to test initiation. Eight hundred milligrams (mg) of sample were weighed and added to extraction jars. The jars were then filled with 200 milliliters (ml) of laboratory water and rotated at 30 rpm for 18 hours at 23° C. Extracted test material was either added to test chambers immediately or held at 4° C for no more than 24 hours prior to test initiation.

3.0 BIOASSAY PROTOCOL

Dangerous waste characterizations were conducted in accordance with Washington State Department of Ecology's (Ecology) protocol described in Biological Testing Methods 80-12 for the Designation of Dangerous Waste, Part A: Static Acute Fish Toxicity Test (1997).

3.1 Test Procedure

Rainbow trout (Onchorhynchus mykiss) were used as the test organism in the dangerous waste characterization test. Fish were exposed to 100 mg/L concentration of sample for 96 hours to determine the effect on survival. Test chambers consisted of 10-liter glass tanks filled with 8-liters of laboratory water. Tests were conducted in an environmental chamber maintained at $12 \pm 1^{\circ}$ C under a 16-hour light: 8-hour dark diurnal cycle. The experimental design consisted of three replicates per sample arranged in a predetermined random order on shelving in the environmental chamber. Table 1 gives a brief summary of test conditions.

Immediately prior to test initiation, extracted test material was added to the randomized test chambers already filled with laboratory water acclimated to test conditions. Extraction jars and cap liners were also added to the test chambers. Physical parameters consisting of temperature, dissolved oxygen (DO), pH, and conductivity were checked. The test was then initiated by adding ten randomly selected fish to each test container.

Table 1. Summary of Dangerous Waste Characterization Test Conditions

Test Number	0602-14WA
Test initiation date; time	February 7, 2006; 1300h
Test termination date; time	February 11, 2006; 1400h
Endpoint	Mortality or 96-hours
Test chamber	10-L glass tank
Test temperature	12°C
Dilution water	Carbon filtered municipal drinking water
Test concentrations (mg/L)	100, 0
Test solution volume	8 L
Number of organisms/ chamber	10
Number of replicates/concentration	3
Test organism	Oncorhynchus mykiss (rainbow trout)
Test organism source	Troutlodge; Sumner, WA
Test organism age	30 days from swim-up (Hatch date 12/25/05)
Feeding	No feeding during test
Mean weight	0.15 g
Mean length	24 mm
Ratio of longest to shortest	1.24
Loading	0.19 g/L
Photoperiod	16 hours light/ 8 hours dark
Extraction	Rotary agitation (30 +/- 2 rpm) for 18 hours
Deviations	None
Reference Toxicant	Copper sulfate

Prior to test initiation a representative subsample of ten fish from the cultures were weighed and measured. Fish were blotted dry and weighed on an analytical balance. Fish length was measured from snout to end of caudal peduncle. Mean weight and length of the fish for each test are shown in Table 1. Each test chamber was monitored daily for temperature, DO, pH, and the number of surviving fish. Data was recorded on laboratory bench sheets (Appendix A).

4.0 RESULTS

A summary of results for the dangerous waste characterization conducted on the samples is contained in Table 2. There was no significant mortality in any of the eight tests. One fish in

the B-4-M test went missing and was presumed dead. Based on these results, none of the samples would designate as a dangerous waste.

Table 2. Summary of Results

Sample ID	Concentration (mg/L)	Survival (# fish, N=30)	Percent Mortality	Dangerous Waste Designation
Control	0	30	0	NA
B-2-S	100	30	0	None
B-4-M	100	29	3.0	None
B-6-S	100	30	0	None
B-7-M	100	30	0	None
B-11-S	100	30	0	None
B-12-S	100	30	0	None
B-12-D	100	30	0	None
B-17-D	100	30	0	None

5.0 QUALITY ASSURANCE

The most recently completed reference toxicant test was initiated January 12, 2006. The LC_{50} of 64.0 mg/L copper was acceptable based on control charting for this laboratory. The coefficient of variation (CV) for the last 20 tests was 41.4 percent, which is considered good by the Biomonitoring Science Advisory Board.

6.0 REFERENCES

Laboratory Guidance and Whole Effluent Toxicity Test Review Criteria. Washington State Department of Ecology Publication # WQ-R-95-80. Revised June 2005.

Biological Testing Methods 80-12 for the Designation of Dangerous Waste. Washington State Department of Ecology Publication #80-12. Revised April 1997.

Appendix A Test Data

253-922-4296

Dangerous Waste Toxicity Test Toxicity Test Data Sheet - Washington Laboratory

1) 1) 4	A THE STATE OF THE
Sample ID: Maralco Restoration Project	Start Date & Tirne: 2/7/06 1300
Test # 0602 - 14 WA	End Date & Tirne: 2/4/06 1400
1000 17 WOOD CAN THE TOTAL CONTROL OF THE PROPERTY OF THE PROP	Test Organism: Oncorhynchus mykiss
	Test Protocol: Washington State Department of Ecology Publ. 80-12

Conc.			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		umbei		**************************************	Di	ssolved	Охуд	en	T	STREET, Donate Commen	pН	М ФИО/жівніжевамину	Day design and a street on the	1	Cond	luctivity	PAR PER DERMANAN	Market States States States States	· · · · · · · · · · · · · · · · · · ·	renementation and construction	-	The state of the s
	Rep	Cont			Orga	nisms			(mg			Ĭ		(units	s)				os/cm)				perature °C)		Y3
	CHINA MANTANI STRUMBURAN MANTANI	#	0	-24	48	22	96	0 2	1 1	1 72	96	0	24	48	72	96	0.0		48 1 72	1 62		AL I			Percent
CON	Description Change and	9	10	10	10	10	10	9.4 8.	9 9.5	9.	119.0	7.47	7.38	17,31	13	7.40	60		-	71	2		10. 12	1 2	Survival
	2	2	10	10	10	10	10	9.8 9.	4 9.0	10	2190	7.76			7.55						1000	85 3	1.4 16	1118	COCKEDED MANAGEMENT, COMMENTS OF SEC.
	3	25	10	10	10	10	10	98 1	5 9 5	2 0 -2	14.7									95					озжения лативиссовымомическа
10000m	*********	24	10	10	10	10	DER DE CORRE	a.i A.	16	102	100	11:0			7.60					67					100%
06-063	2	5	12	17	10	OJ					174	147		7.34		7.48		74		NO	12.4	11.7 111	.5 11.7	11.5	
P-2-5	3	19	\mathcal{H}		paralitic money	10	10			114.3	17:1	1735		7.35	-	7.53				79					ATTAINING TERROTOPINA PROPERTY.
100000M		47-4	1 ×1	44	10	monteceners i	10			103	14.0	n_{11}			7.47		102			104					100%
		6	121	10	10	10	10	Mary and the second	<u>6 [[.]</u>	195	112	12.77	7.63	7.45	7.62	7,50	100		14	103	12.1	12.01	1 115	11.6	accord all historical sea
06-084 14-4-4	2	-0-1	101	10	10	menengacampa	9	9.3 9.	<u>o H. 1</u>	9.3	19.3	759	7.48	7,55		7,58				72					REPORTED MAY A SECURE MANAGEMENT OF THE
	3	16 1	10]	10	10	10	0	<u>9.5 P.</u> S	5 <u> 9.8</u>	8.9	9.3	7.70	7.5	7.43	752	7.54	73			75					96.7%
10000m	1 1	271	10	0	10 [10	1,0	4.5 9.	697	9.1	9,0	7.62	7.39	7.34	The second second	7.45	THE REAL PROPERTY.				73	7517	.G12.5		10:10
06-065	2	6	10	10	101	10	10	9.29.0	9.6	4.1	19,1	755	7.45	7.43		7.46				103		40 ll e	صباف	y	A TURNO PAR PROPRIETO LA SOCIAL
<u> B-6-51</u>	3	10	0	10	10	10	0	9.0 9.	59.7	8.9	102	153	7.44	7.42		7,55				\$9					1 FS/S 00
10000m	1	7.6	10	16		10	10	9.6 9.0	9 6	9 2	1 3	and a state of	CONTRACTOR IN CASE	7.30	White Real Property lies	CENTRAL PROPERTY.	11.00			information.					100%
06-066	2	14	10	0	10	10	0	9-19-6	3 4 d	a u	125	1.60	7.30	4.3	mana and		170			113	U.9 1	<u>3.5 II.</u>	6 119	14.71	
B-7-M	3	201	16			10		9.7 17	14.2		7.5	1.61	1.40	1.77	7.42	Designation of London	138			1403		10.00			
10000m	CASTOCOCOCONO DE	18	6		+	COORSERED SO	-	minus and desire	the same of the same	جنتك	71	1.02	7.0	1.41	7.48	SHOOD SERVICES	59			162					100%
06-1869	2	and the same of the	10	121	14	and market		95 9.	1.62	<u>M.Z</u>	7.4	17b	453		7.60		97			98	125	33m	8 11.4	120	CONTROL BUSINESS CONTROL OF
0112	-		5	Ķ	(2)	······································	10	9.8 9.8	77	12.1	9.3	7.78	7,5%	7.55	7.62	7.58	103			102		-			Marketon the parameter street
	The second	2	$Q \downarrow$		Q.	10	ļΩ.	1:414	2/16	19.1	195	7.80	7.58	7.55	7.63	75%	104		S. Park	101					100%
100 ppr	1	15	101	Q I	10	angregament deus	ericonomica di c	9.5 9.7	9.7	9.1	9.4	7.62	7.41	7.40	7.51	7,53	75			78	123	22/11	911.2	17 0	
06-068	2	231	01	0	10	10	15	9.1 9.0	19.6	9.0	9,2	7.50	7.45	7.40	7.53	7.55	78			79					Principle Discourage of the Principle of
<u> 9-12-5 L</u>	3	2L	101	0	16	10	0	21 7.4		and promogramme-wheelston					7.48		15			79				-	1/1/24
Technician l	initials	h	MLPI	7	5	th.	nu	MANAGEMENT CONTRACTOR	1 3	北	in			المعاسفا		A STREET, STRE	L.C.						السياس		100%

		Alka	inity	Hardn	ess
	Sample	n	ıg/L. as	CaCO ₃	
		Initial	Final	Initial	Final
	control	32	20	36	28
	06-063	40	32	32	36
Spill School Spill	06-064	32	3 %	52	44
-	06-065	32	36	44	40

	magnes,	Test Volume:	<u> </u>
Animal Source:	1 rout Lodge	Date Received:	1124106
Date of Hatch:	12/25/05	Date of Swim-up	: 1/3 LD L

Weights (g):	14	111	.171	-183	116	. / 84	14	139	162	. 187	μ = .150 2		Nautilus Environmenta!
Lengths (mm):	21	25	15	25	24	21	23	25	25	26			Washington Laboratory
length max/min	9920 (1000)	1124	<u> </u>	de		Load	ing:	GEODES Automotive	٥,	19	- Gardenter -	٠	5009 Pacific Hwy. E., Suite 2
											F		m 1111 nn

Sample Description:

pg 20t C

Dangerous Waste Toxicity Test Toxicity Test Data Sheet - Washington Laboratory

Client: VS	Start Date & Time: 2/7/06 1300
Sample ID: Maraico Kestoration Project	End Date & Time: 2/11/06 1400
Test # 0602-14 WA	Test Organism: Oncorhynchus mykiss
	Test Protocol: Washington State Department of Ecology Publ. 80-12

Conc.		1	I		Vumbe		***************************************	T	Diss	olved	Oxyge	n	T	·····	pН			Τ	Conductivity		<u>, </u>	Te	mpera	ture		
	Rep	Cont		Live	e Orga	nisms				(mg/I	رر				(units	s)			(umhos/cm)				(°C)			Percent
	L	#	0.	24	48	72	96	0.	2/4	48	72	96	0	24	48	72	96	0	1674 1740 177	96	100	24		72	06	Survival
1000pm	1	12	10	110	10	10	مد	9.6	19.5	f.a	8.9	90	7.72	7.42	7.41	1.4	753	107			12.5	12.6	11.9	11.7	120	
06-069	2	17	16	10	10	10	10	9.5	19,2	94	90	9.0	7.83	7.60	75	75	751	124		119		.000			. <u> </u>	· · · · · · · · · · · · · · · · · · ·
B-12-D	3	13	16	16	10	10	10	9.4	7.0	9.3	9.0	9,0	7.72	7.0	7.53	756	75%	127		121						100%
100ppn	I	11	16	16	10	10		95	9.	9.11	8.0	90	7 4	7 42	757	7 57	7 00	95			120	13 V	II G	12 0	1 0	100%
06-068	2	22	16	10	10	10	10	03	1	92	90	29	770	750	756	764	750	ELLO	190	129	المال	19.0	11.4	17.0	2.0	
7 070	3	3	10	_	10	io	12	9.3 9.5	90	42	\$0	91	774	7/3	759	712	7(1)		. 10	136					440	1000
B-17-D	1		<u> </u>	100	 	1	1	1	100	1,0	1911	++	671	1,62	1,01	1-67	7.65	140		第100		**********				100%
	2					 	 	 	ļ	 	 	┼──	 -	 	 	 		├			3000	PA 1.52	Serve Say			
	3				 	 		 	<u> </u>		<u> </u>	┼	 			ļ		 								
	1				-	 		 		-	 		ļ			-		 					3000			
	2			 	 	 	 	ļ		<u> </u>	<u> </u>	<u> </u>						ļ			555555NS	30538384	asarenecka e	TANCESCO III	DECEMBER OF	
	3				 	-			<u> </u>			ļ	<u> </u>			ļ										
					<u></u>		<u> </u>					ļ														
						ļ		ļ				ļ									Service Control of the Control of th					
	2				<u> </u>	<u> </u>		 																		
	3				<u> </u>																					
	2																									
	3																									
	i	1																								
	2																									
	3																									
Technician	Initials		NU/15	75	X	Th	mu	m	ズ	广左	n	ML		l		L		J	The second secon	÷I						

		Alka	Hardn	ness				
1	Sample	n	ıg/L as	CaCO₃				
		Initial	Final	Initial	Final			
	06 <u>- 0 6</u> 6	48	5V	44	48			
	06-067	44	48	8.	52			
ļ	06-068	40	40	60	52			
l	06-069	44	40	60	52			

		Test Volume:	86
Animal Source:	Irout Lorlae	Date Received:	1/24/06
Date of Hatch:	12/25/05	Date of Swim-up:	1/8/06
	9.7 9. 7		

Weights (g): $\frac{11}{2}$ $\frac{171}{171}$ $\frac{183}{183}$ $\frac{148}{198}$ $\frac{104}{104}$ $\frac{101}{131}$ $\frac{162}{187}$ $\frac{187}{187}$ $\frac{187}{187}$ Nautilus Environmental Lengths (mm): $\frac{21}{25}$ $\frac{25}{25}$ $\frac{25}{25}$ $\frac{24}{20}$ $\frac{23}{25}$ $\frac{25}{25}$ $\frac{25}{25}$

Sample Description: 42 36 42 36

Tacoma, WA 98424 253-922-4296 Appendix B

Reference Toxicant Test

Control Chart and Statistical Summary

Report Date:

17 Jan-06 11:21 AM

Acute Fish Survival Test Nautilus Environmental WA Test Type: Survival (96h) Organism: Oncorhynchus mykiss (Rainbow Tro Material: Copper sulfate Endpoint: 96h Proportion Survived Protocol: EPA/821/R-02-012 (2002) Source: Reference Toxicant-REF 200-160 120 EC50 80 40 Mean: 66.7947 Count: 20 -1s Warning Limit: 39.1771 -2s Action Limit: 11.5595 Sigma: 27.6176 CV: 41.35% +1s Warning Limit: 94.4124 +2s Action Limit: 122.03

Qualit	y Contr	ol Data								
Point	Year	Month	Day	Data	Delta	Sigma	Warning	Action	Link	Analysis
1	2004	Feb	2	45.55047	-21.2442	-0.76923	************	***************************************	07-8511-4688	02-0671-5450
2		Mar	9	69.96443	3.16970	0.11477			12-7054-0474	05-3269-2002
3			29	66.31327	-0.48146	-0.01743			11-8112-0590	03-6175-9137
4		Apr	27	65.90278	-0.89195	-0.03230			17-5118-5392	05-3703-8798
5		Jun	2	39.61044	-27.1842	-0.98431			07-6739-1824	05-5759-3893
6			30	57.76980	-9.02493	-0.32678			07-8003-0382	14-5238-6228
7		Sep	21	91.17225	24.37752	0.88268			00-2966-9271	14-7822-0687
8		Oct	4	37.72911	-29.0656	-1.05243	(-)		04-8672-3486	17-4688-8148
9		Dec	13	32.98770	-33.8070	-1.22411	(-)		02-9314-6409	12-6114-4171
10	2005	Jan	26	25.00000	-41.7947	-1.51334	(-)		11-9321-8775	08-8067-2660
11		Feb	24	43.16335	-23.6313	-0.85566			02-2479-3148	07-2802-6469
12		Apr	6	121.7643	54.96957	1.99038	(+)		08-8736-2959	10-4962-4633
13		Jun	1	72.03579	5.24106	0.18977			17-5799-0743	02-2051-3081
14		Jui	6	42.53336	-24.2613	-0.87847			02-7208-7910	01-6268-3642
15		Aug	3	74.05488	7.26015	0.26288			01-7924-1014	15-0356-8542
16		Sep	7	96.95298	30.15825	1.09199	(+)		13-1906-2728	04-6772-8487
17		Oct	7	123.1144	56.31967	2.03926	(+)	(+)	06-0563-1613	13-7102-1635
18			28	81.22524	14.43051	0.52251			04-3069-6013	09-0070-2623
19		Dec	5	85.06672	18.27199	0.66161			03-8054-0292	11-3860-2079
20	2006	Jan	12	63.98339	-2.81134	-0.10180			11-6667-0064	07-2078-8121

CETIS Test Summary

Report Date:

17 Jan-06 11:20 AM

Link:

11-6667-0064/RT011206OM

Acute Fish Survival Test Nautilus Environmental WA												
Test No: Start Date: Ending Date: Setup Date:	14-6219-6033 12 Jan-06 11:3 16 Jan-06 11:1 12 Jan-06 11:3	5 AM	Test Type: Protocol: Dil Water: Brine:	Survival (96 EPA/821/R- Dechlorinate	02-012 (200	•	Duration: Species: Source:	96h Oncorhynchus mykiss Trout Lodge Fish Farm				
Sample No: Sample Date: Receive Date: Sample Age:	: / k 6	[®] € _Æ MA 0	Material: Code: Source: Station:	Copper sulfa 650185992 Reference T			Client: Reference Toxicant Test Project:					
Comparison Summary												
Analysis 03-1653-0612	Endpoint 96h Proportion Survived		NOEL 25	LOE 50		35.355	MSDp 10.28%	Method Dunnett's Multiple Comparison				
Point Estimat Analysis 07-2078-8121	Endpoint	**************************************		nc-µg/L 98339	95% LCL 52.81684	95% UCL 77.51077	Method Trimmed Spearman-Karber					
96h Proportion Survived Summary												
Conc-ug/L	Control Type	Reps	Mean	iviirii erressi	Maximun	n SE	SD	CV				
0 25 50 100 200 400	Dilution Water	3 3 3 3 3 3	1.00000 0.93333 0.63333 0.26667 0.00000 0.00000	1.00000 0.90000 0.50000 0.20000 0.00000	1.00000 1.00000 0.80000 0.30000 0.00000	0.00000 0.03333 0.08819 0.03333 0.00000 0.00000	0.00000 0.05774 0.15275 0.05774 0.00000 0.00000	0.00% 6.19% 24.12% 21.65% 0.00%				
96h Proportio	on Survived Det	all										
Conc-µg/L	Control Type	Rep 1	Rep 2	Rep 3								
0 25 50 100 200 400	Dilution Water	1.00000 0.90000 0.60000 0.20000 0.00000	1.00000 1.00000 0.80000 0.30000 0.00000	1.00000 0.90000 0.50000 0.30000 0.00000	·							

Appendix C Chain-of-Custody Form

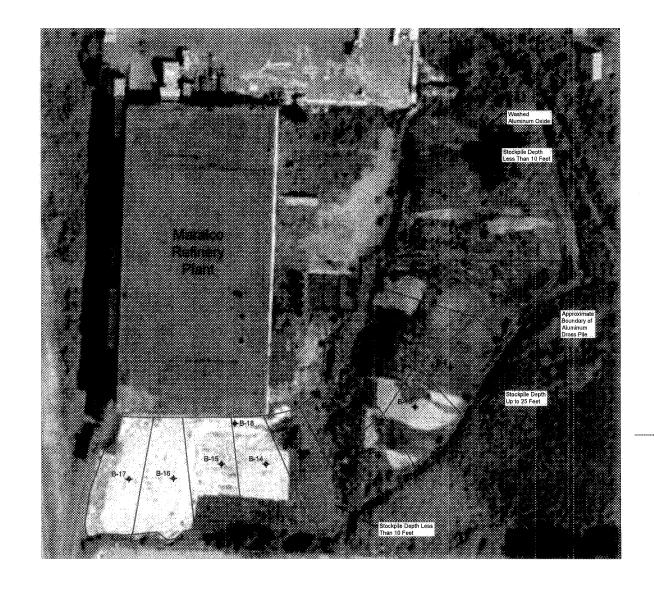
URS Chain of Custody

URS Corporation

1501 4th Avenue, Suite 1400 Seattle, WA 98101-1616 206,438,2700

Phone No.: (206) 438-2063

Installation iD	week reports	CONTROL CONTRO													Pag	je / of					
Installation 10 Maria (co Restroation Project 33757 Site 1D Zone 1D			0000 1 Co. 45		The state of the s												granus and a second granus	PROCESSING CONTRACTOR	transfer annual		
Airbill Co./Number			Shipping Date 2-2-2006		ics/Melli													//		Any Condition uld Affect Analysis	n
Sample Number	Sample Collection Date Time (24 Hr.)	Matrix Type	Sample Type		Media /							./				//	//		Indicate Containi	Samples ng Quantities ISD Analysis	1 5
B-2-S	10-19-05	SL	ES		X	-		•)(e-	106	3	n da Carrey en a hoogean	AND SHAPE		-menugan sekenas		f	-Rain	byw I	THE RESERVE	
B-4-M	10.19.05		Ì	NUMBER OF BOTTLES PER ANALYTIACAL METHODS	X	***************************************		.0	6-	106	Ч		-timoto Europy de decidor		Principal Coloniana	A CONTRACTOR OF THE PARTY OF			Bioas		
B-6-5	10.20.05			CALM	X			0	(q -	10	05				POPPLE PERSON SECTION AND A	PORENCATA NA MAN		основания очення населения (спинувания	71003	zuf	
B-7-M	10.20.05			ALYTIA	×			0	6	-0	66		7 - Maren 19 19 - 100 - 100	ALCO MANAGARICA MANAGARIA	ACAMAGAMA NAMOGOO		- Arteritaries and Arteritaries	функтинова и обискнями на в поднику я у могительного		TO THE PERSON AND ADDRESS OF A PARTY OF THE PROPERTY OF THE PERSON AND ADDRESS OF THE PERSON ADDRESS OF THE PERSON AND ADDRESS OF THE PERSON A	
B-11-5	10.20.05			ER AN	X	orienta de la constanta de la		C	- ملا	06	J	ell decode procramma		THE PERSON NAMED OF THE PE	ANTERIOR OFFICE	***************************************		ANTONIA MATERIA MATERI	Allahirine depite den hamile dele mir beritaga a basqiy ga ya	giorginal (dd ffire) brezenig e MAS is Circumstated	
B-12-S	10.21.05	**********************	With STREET, S	TIES	X			C	(e-	-01	08			TOTAL STATE STATE OF THE STATE	with the seconds.		ontur verani, a	Militaria en principal de proposicio de la companio del companio de la companio de la companio del companio de la companio del la companio del la companio de la companio del la companio del la companio de la companio de la companio de la companio de la companio del la companio	aražunė, une atyronominės mydyngingseggy v	en programme and desire delications of the contraction of the contract	
B-12-D	10.21.05			OF 80	X			C	Le-	06	29		na nagala-kara ya da nakalawa	***************************************	AT STREET, SALES AND ADDRESS OF THE PARTY OF		***************************************	Мобет (в 1948 году и при при продолого даци <u>я да 1</u>	***************************************	Nyvelle hinningsten bere suis metsanhags u	
B-17-D	10.21.05	4	4	MBER	X	·)(_Q -	-0-	70				АОВИО БЭННО ЛАДНИЛИШ	***************************************		dergramme of the second state of the state o		неууластооны ий этильства ораны онау уна рафу	
AND THE RESIDENCE OF THE PROPERTY OF THE PROPE	THE ELECTRICAL PROPERTY OF THE		orni museusz (p) jokus a cum	ž		ganters gant sparse	decourses the second		VIOLENCE DE LOS				Mandaman (16) a.z.m.	THE RESIDENCE OF THE PARTY OF T	COMMISSION OF STREET		С	MANUAL CONTROL OF THE PROPERTY	-a-a f y armoniumonisse.	почити оченического Меха, и на компания и	
AND COLUMN TO THE PROPERTY OF									NA CONTRACTOR OF THE PARTY OF T	a portion man			and the same of th		annua mily	The same and the s	Constitution of the same	WHENCH A CHILDREN IN COLUMN TO A CHILD	Charge and the same street and the same and	NO SPEN PRESIDENCE NAMED I CASA Industria accumu	
Preservation: $A = HCL$ to $pH < 2$; $B = HNO_3$ to $pH < 2$; $C = H_2SO_4$ to $pH < 2$; $D = NaOH$ to $pH < 12$; $E = Other$ (specify)									OMESSES EXITEMEN		and the latest to the latest t	SECULIARIA REPRODUCE			MIK NOOR I DISTANCIA PROPOSIONI MISKOODINGA CARAAC	ануарынанда актандардын байын байы	TO CHEST CHEST CONTRACTOR (STATE OF CHEST CONTRACTOR)				
Relinquished by Sampler: (Signature)		Date		Time Received by: (Signature)						Laboratory Name: Nautilus Environ mental											
Relinquished by: (Signature)			1.		Time Received by: (Signature) 2-2-06 0:05 Stave Singleton 1350								Laboratory Contract No.:								
Relinquished by: (Signature)			A comment of the same of the same of		ime Received by Lab: (Signature)								Samples Disposed by: Dat						Date	Time	
Matrix Types: A - Air; PR - Product; SD - Sediment; SL - Soil; TI - Sample Types Types: ER - Equipment Rinsate: FS - Equipmental Saron														py; Goldenr	od = URS Sam	le Control Co	ру				
Sample Types Types: ER - Equipment Rinsate; ES - Environmental Sample; FB - Field Blank; TB - Trip Blank											100										



LEGEND

- Approximate Boring Location
- Decision Unit Lateral Boundary



Dross Stockpile Decision Units

Job No. 33757742

